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> 1UQ Ignition Coil Module CDI Instruction Manual for Generac Pressure Washer Models 61490 & 0061490

1UQ 61490, 0061490

1UQ Ignition Coil Module CDI Instruction Manual

For Generac Pressure Washer Models 61490 & 0061490

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your 1UQ Ignition Coil Module CDI. This component is designed for specific Generac pressure washer models to ensure reliable engine performance. Please read this manual thoroughly before attempting any installation or service.

2. SAFETY INFORMATION

Always prioritize safety when working with engine components. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Spark Plug:** Before beginning any work, always disconnect the spark plug wire to prevent accidental engine startup.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and eye protection.
- **Engine Cool Down:** Ensure the engine is completely cool before handling any components to avoid burns.
- **Fuel Safety:** Work in a well-ventilated area and away from open flames or sparks when dealing with fuel systems.
- **Professional Assistance:** If you are unsure about any step, consult a qualified technician.

3. PRODUCT OVERVIEW

The 1UQ Ignition Coil Module CDI is a high-quality replacement part designed to provide consistent spark to the engine's spark plug, crucial for combustion. It is compatible with Generac branded 196CC 2500PSI/2700PSI 2.3GPM portable gasoline pressure washers, specifically models 61490 and 0061490.



Image 1: The 1UQ Ignition Coil Module CDI, showing the coil assembly, wiring, and spark plug boot, alongside the 1UQ Parts Supply branding card.

4. SETUP AND INSTALLATION

Follow these steps carefully to install the ignition coil module. Refer to your pressure washer's original service manual for specific engine diagrams if needed.

1. **Preparation:** Ensure the pressure washer engine is off and cool. Disconnect the spark plug wire from the spark plug.
2. **Locate Old Coil:** Identify the existing ignition coil, typically mounted near the flywheel. It will have a wire leading to the spark plug.
3. **Disconnect Wiring:** Carefully disconnect any low-voltage wires attached to the old ignition coil. Note their positions for reinstallation.
4. **Remove Old Coil:** Unscrew the mounting bolts holding the old ignition coil in place. Remove the old coil.
5. **Install New Coil:** Position the new 1UQ Ignition Coil Module CDI in the same location. Ensure the mounting

holes align.

6. **Set Air Gap:** This is a critical step. Insert a non-magnetic feeler gauge (typically 0.010-0.014 inches or 0.25-0.35 mm, consult your engine manual for exact specification) between the ignition coil's laminations and the flywheel magnets. While holding the feeler gauge in place, tighten the mounting bolts securely. Once tightened, remove the feeler gauge.
7. **Connect Wiring:** Reconnect the low-voltage wires to the new ignition coil module.
8. **Connect Spark Plug Boot:** Firmly attach the spark plug boot from the new coil to the spark plug.
9. **Test:** Attempt to start the pressure washer to verify proper installation and operation.



Image 2: The 1UQ Ignition Coil Module CDI, showing the coil and spark plug boot from an alternative perspective, highlighting the overall assembly.

5. OPERATING

Once the 1UQ Ignition Coil Module CDI is correctly installed, the pressure washer should operate as intended. The ignition coil is an internal component that facilitates engine starting and running by providing the necessary spark. No specific operational steps are required for the coil itself beyond ensuring proper installation.

- Ensure all other pressure washer components are in good working order.
- Follow the starting procedures outlined in your Generac pressure washer's owner's manual.

- If the engine does not start or runs poorly after installation, refer to the troubleshooting section.

6. MAINTENANCE

The 1UQ Ignition Coil Module CDI is generally a low-maintenance component. Regular inspection can help ensure its longevity and proper function.

- **Visual Inspection:** Periodically check the coil for any signs of physical damage, corrosion, or loose connections.
- **Wiring:** Ensure all wires connected to the coil are secure and free from fraying or damage.
- **Spark Plug Boot:** Inspect the spark plug boot for cracks or deterioration, which can lead to spark loss. Replace if damaged.
- **Cleanliness:** Keep the area around the ignition coil clean and free of debris, oil, or excessive moisture.

7. TROUBLESHOOTING

If your pressure washer experiences issues after installing the new ignition coil, consider the following common problems and solutions:

- **Engine Does Not Start:**
 - Check spark plug connection.
 - Verify the air gap between the coil and flywheel is correctly set.
 - Ensure all low-voltage wires are securely connected.
 - Test the spark plug for spark (use a spark tester or ground the plug against the engine block while cranking, ensuring safety).
- **Engine Misfires or Runs Roughly:**
 - Inspect the spark plug for fouling or damage; replace if necessary.
 - Check for loose connections at the coil or spark plug boot.
 - Ensure the air gap is correct.
- **No Spark:**
 - Confirm the kill switch is in the 'RUN' position.
 - Check for continuity in the low-voltage wiring to the coil.
 - Re-verify the air gap.

If issues persist after troubleshooting, professional assistance may be required.

8. SPECIFICATIONS

- **Product Type:** Ignition Coil Module CDI
- **Compatibility:** Generac Branded 196CC 2500PSI/2700PSI 2.3GPM Portable Gasoline Pressure Washer
- **Applicable Models:** 61490, 0061490
- **Condition:** Brand New High Quality Replacement Part

9. WARRANTY INFORMATION

This 1UQ Ignition Coil Module CDI is covered by a standard manufacturer's warranty against defects in materials

and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided at the time of purchase or contact the seller directly.

10. SUPPORT

For further assistance, technical support, or inquiries regarding this product, please contact your retailer or the 1UQ customer service department. When contacting support, please have your product model number and purchase information readily available.